



Arizona Department of Transportation

ROADWAY ENGINEERING GROUP

MEMORANDUM

To: All Users of the Roadway Design Guidelines
ADOT and Consultants

Date: May 9, 2002

From: John L. Louis
Assistant State Engineer
Roadway Engineering Group

Subject: Roadway Design Guidelines
New Chapter 700
Earthwork Design

The new Earthwork Design Chapter 700 is enclosed for your use. It may be inserted into your Roadway Design Guidelines and is in U.S. Customary Units. The new chapter includes definitions and discussion on all ADOT earthwork terms and earthwork related items, template and slope applications, and requirements for earthwork documentation including calculations, cross-sections, and earthwork summary.

The chapter is not a cookbook on how to perform earthwork calculations for projects but is intended to provide a basic understanding with some examples provided. Also included is Appendix F which contains several examples of basic earthwork calculations, summary table examples, cross-sections, and project examples which may be used as a basis for proper earthwork documentation.

Please distribute this memo to all users within your respective groups. Contact us for any discussion or questions regarding the enclosed material. Additional copies may be obtained at ADOT Engineering Records, 1655 W. Jackson St. , Phoenix 85007 -phone (602) 712-8216.

JLL/THO

C:

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